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UTILITY PATENT APPLICATION

Attorney Docket No.	4980-0003
First Inventor	Hiroshi Hoshino
Title	Current-Carrying
Everson Mail I shall No.	EV 331993066 US

	IRANSIVIIIIAL	Title	Current-Carry	ying		
(Only for new	w nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	EV 33199306	66 US		
£ .	APPLICATION ELEMENTS apter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
(Submit a Applican See 37 (3.	l arrangement set forth below) tive title of the invention teference to Related Applications ent Regarding Fed sponsored R & D ce to sequence listing, a table, rputer program listing appendix bund of the Invention scription of the Drawings (if filed) I Description) I of the Disclosure (s) (35 U.S.C. 113) [Total Sheets	b. Specificat i. CD- ii. Pap c. Statemer ACCOMPAN 9. Assignment F 10. 37 CFR 3.73((when there is English Trans 12. Information D Statement (ID Statement (ID Hormation D Statement (ID Statement (ID Hormation D Hormation D Statement (ID Hormation D Horma	ram (Appendix, mino Acid Sequessary) Readable Fornition Sequence ROM or CD-R ter this verifying ide YING APPL Papers (cover son assignee) Statement to an assignee) Sol/PTO-1449 mendment to Postcard (Milectifically itemis or of the property of the postcard (Milectifically itemis) on Request und pplicant must a sent. (Claim	puence Sum (CRF) Listing or (2 copies entity of al LICATIC sheet & de puent (if approximate) (2 copies entity of al LICATIC sheet & de puent (if approximate) (2 copies entity of al LICATIC sheet & de puent (if approximate) (2 copies entity of al LICATIC sheet & de puent (if approximate) (2 copies entity of al LICATIC sheet & de puent (if approximate) (3 copies entity of al LICATIC sheet & de puent (if approximate) (3 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet & de puent (if approximate) (4 copies entity of al LICATIC sheet &	bove copies DN PARTS Document(s)) Power of Attorney licable) Copies of IDS Citations) S.C. 122 m PTO/SB/35	
specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:						
Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
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Complete if Known **FEE TRANSMITTAI** New Application Number Filing Date Herewith for FY 2004 Hiroshi Hoshino First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit TOTAL AMOUNT OF PAYMENT (\$) 425.00 4980-0003 Attorney Docket No.

METHOD OF PAYMENT (check all that apply)	(y) FEE CALCULATION (continued)					
Check Credit card Money Other None	None 3. AD		3. ADDITIONAL FEES			
Deposit Account:		Large Entity Small Entity				
Denosit	Fee Code	Fee (\$)		Fee (\$)	Fee Description	Ean Daid
Account Number	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Deposit McCormick Doulding & Huber LLD	1052	50	2052	25	Surcharge - late provisional filing fee or	
Name IVICCOMMICK, Pauliding & Huber LLP	1053	400	4050	400	cover sheet	
The Director is authorized to: (check all that apply)		130 2,520	1053 1812		Non-English specification For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments	1804	2,320 920*	1804	•	Requesting publication of SIR prior to	
Charge any additional fee(s) or any underpayment of fee(s)	1004	920	1004	920	Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION		110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 385.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385.00		110	2452	55	Petition to revive - unavoidable	<u> </u>
		1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Claims Fee from below Fee Paid Total Claims 12 .20** = X		1,330	2501	665	Utility issue fee (or reissue)	
		480	2502		Design issue fee	
		640	2503		Plant issue fee	
Claims X = X = X Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	<u> </u>
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	I 40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims	1010		2010	, 505	examined (37 CFR 1.129(b))	
over original patent	1801	770	2801		Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	. 1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0.00	Other					
**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic F	Filing F	ee Paid SUBTOTAL (3) (\$) 40.06	

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SUBMITTED BY			(Complete	(if applicable))
Name (Print/Type)	Marina F. Cunningham	Registration No 38,419	Telephone	860-549-5290
Signature	Maring	(exten	Date	February 9, 2004

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ATTACHMENT TO A PATENT APPLICATION

Docket No.: 4980-0003

ENTITLED: CURRENT-CARRYING/HEATING APPARATUS OF LIQUID FOOD

INVENTOR:(S) H. Hoshino, et al.

INCLUDING: Transmittal, Fee Transmittal, check \$ 425.00, Specification, Claims, Abstract, (10) sheets of formal drawings, Preliminary Amendment, Information Disclosure Statement and Form PTO 1449 with cited references, Priority Claim and Submission of Priority Document, Declaration, Assignment and Assignment Cover Sheet, Application Data Sheet.